

# CEx-WDM

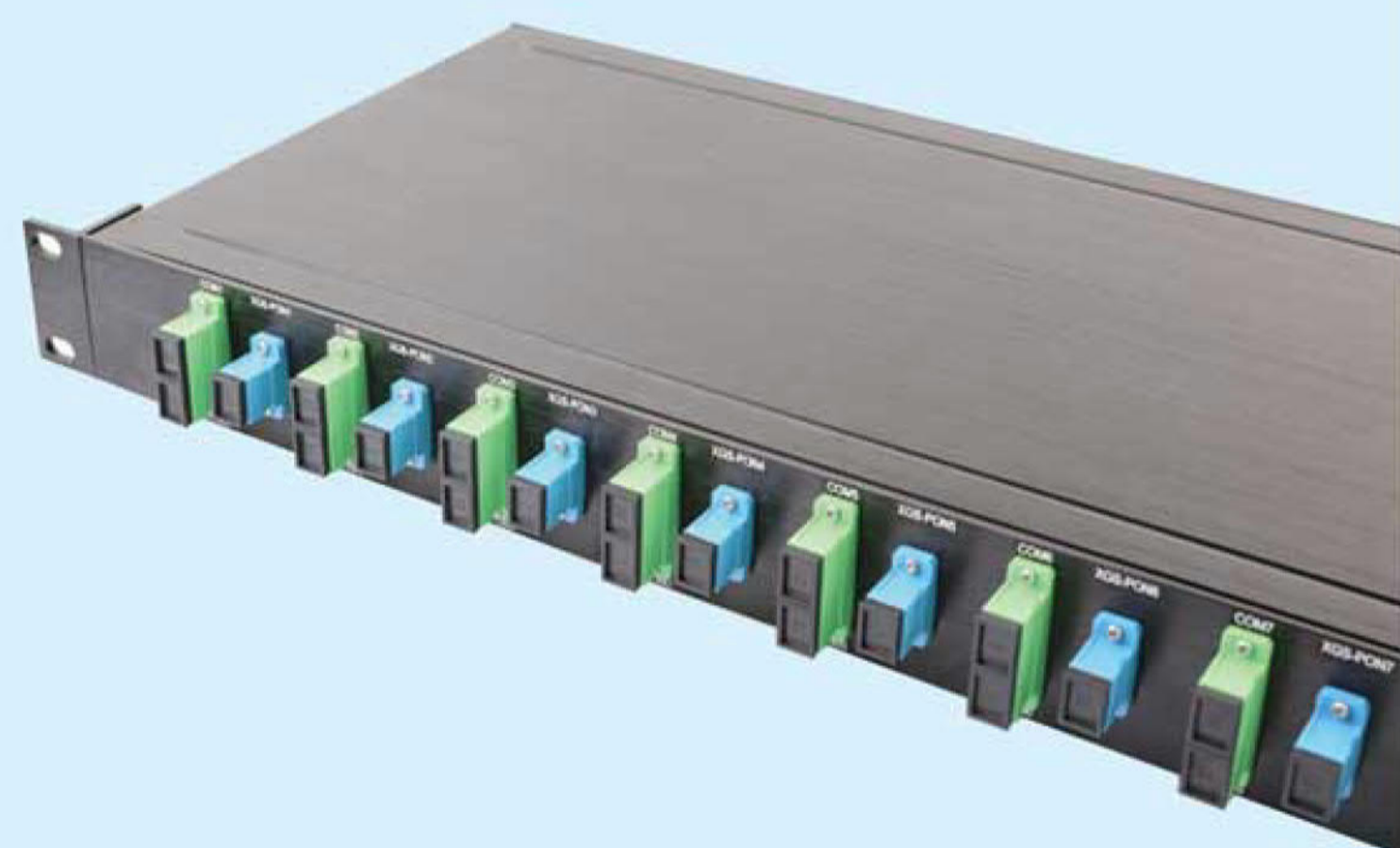


## Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

## Applications

- Line monitoring
- WDM network
- GPON system
- EPON system
- WDM PON networks



## Performance Specifications

Parameter	GPON / XGPON / NGPON2 / OTDR	
Operating Wavelength (nm)	1260 ~ 1650	
Pass Band (nm)	GPON	1290 ~ 1330 & 1480 ~ 1500
	XGPON	1260 ~ 1280 & 1575 ~ 1580
	NGPON2	1524 ~ 1544 & 1596 ~ 1603
	OTDR	1625 ~ 1650
Insertion Loss (dB)	COM --- GPON	≤0.8
	COM --- XGPON	≤1.2
	COM --- NGPON2	≤1.4
	COM --- OTDR	≤1.2
Isolation (dB)	GPON@XGPON/NGPON2	≥30
	XGPON@GPON/NGPON2	≥30
	NGPON2@GPON/XGPON	≥30
	OTDR	≥15
Polarization Dependent Loss (dB)	≤0.2	
Directivity (dB)	≥50	
Return Loss (dB)	≥45	
Maximum Power Handling (mW)	300	
Operating Temperature (°C)	-10~+70	
Storage Temperature (°C)	-40~+85	
Package Dimension (mm)	L100 x W80 x H10	

All specifications include the effect of operating temperature and all states of polarization. Values referenced without connectors and insertion loss for a connector-pair is 0.20dB(typ.) and 0.30dB(max.).

## Ordering Information

CEx-WDM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Channel Configuration	Package	Fiber Diameter	Fiber Length	Connector
	1=GPON / XGPON 2=GPON / XGPON / OTDR 3=GPON / XGPON / NGPON2 4=GPON / XGPON / NGPON2 / OTDR 5=GPON / NGPON2 6=GPON / NGPON2 / OTDR	1=ABS Box Module 2=Rackmount 3=LGX Box 4=Insert Box 5=Specify	0=250µm 1=900µm 2=2.0mm 3=3.0mm	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify